

# Lu Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7092905/publications.pdf>

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15  
papers

116  
citations

1684188

5  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced $K_{\infty}$ output of Ar and Kr using size optimized cluster target irradiated by high-contrast laser pulses. Optics Express, 2011, 19, 25812.	3.4	32
2	Electron acceleration via high contrast laser interacting with submicron clusters. Applied Physics Letters, 2012, 100, .	3.3	32
3	Review of fuel assembly design in lead-based fast reactors and research progress in fuel assembly of China initiative accelerator driven system. International Journal of Energy Research, 2021, 45, 11552-11563.	4.5	17
4	Two superconducting phases induced at point contacts on the Weyl semimetal TaAs. Physical Review B, 2020, 101, .	3.2	11
5	Evidence for the random singlet phase in the honeycomb iridate $\text{SrIr}_2\text{O}_6$ . Physical Review B, 2021, 103, .	3.2	5
6	Preliminary physics study of the Lead-Bismuth Eutectic spallation target for China Initiative Accelerator-Driven System. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	3.4	4
7	Angular distribution of terahertz emission from laser interactions with solid targets. Science China Information Sciences, 2012, 55, 43-48.	4.3	3
8	Development and validation of the code COUPLE3.0 for the coupled analysis of neutron transport and burnup in ADS. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	3
9	Design of Beam Shaping Assemblies for Accelerator-Based BNCT With Multi-Terminals. Frontiers in Public Health, 2021, 9, 642561.	2.7	3
10	The PyNE-Based Burnup Analysis Method for Accelerator-Driven Subcritical Systems. Nuclear Technology, 2021, 207, 270-284.	1.2	2
11	Microstructure of quasi-one-dimensional superconductor $\text{KCr}_3\text{As}_3$ prepared by K-ion deintercalation. Journal of Physics Condensed Matter, 2021, 33, 215404.	1.8	2
12	THE THREE DIMENSIONAL IMMERSIVE TRAINING PLATFORM FOR CHINA INITIATIVE ACCELERATOR DRIVEN SUBCRITICAL SYSTEM. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1067.	0.0	1
13	Epitaxial growth and antiferromagnetism of Sn-substituted perovskite iridate $\text{SrIr}_{0.8}\text{Sn}_{0.2}\text{O}_3$ . Physical Review Materials, 2019, 3, .	2.4	1
14	Analysis of the axial fitting clearance between the fuel rod and the end seat in CIADS. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	3.4	0
15	Direct observation of modulation structure in room-temperature multiferroic $\text{Bi}_{4.2}\text{K}_{0.8}\text{Fe}_2\text{O}_9$ . Scripta Materialia, 2021, 196, 113752.	5.2	0